

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|---------------------|
| S1 | 1 | 10/587254.app. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/12/31 12:47 |
| S2 | 2 | "20070296941".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 13:34 |
| S3 | 2 | 11/659571.app. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 13:54 |
| S4 | 1 | 11/645643.app. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 13:54 |
| S5 | 2 | ep-1720199-\$ did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 13:55 |
| S6 | 2 | "6191880".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 13:57 |
| S7 | 12 | ("20020176166" or "20010019404" or "4755027" or "6191880" or "20040169924").pn. or wo-2005027207-\$ did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 14:00 |
| S8 | 18 | ("20040227923" or "5969441" or "6208407" or "6341007" or "6400441" or "6549269" or "6590634" or "20030053036" or "20060012769" or "5541026").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 14:05 |
| S9 | 13580 | (355/53, 355/67, 355/71, 355/77).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 14:47 |
| S10 | 1732 | (359/386 or 359/483 or 359/489 or 359/494).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 14:48 |
| S12 | 69 | S10 and (polariz\$9 near4 (radial\$4 or tangent\$5 or circumferen\$8)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 14:50 |
| S13 | 290 | S9 and (polariz\$9 near4 (radial\$4 or tangent\$5 or circumferen\$8 or azimuth \$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 15:30 |

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| S14 | 32 | ("6191880").URPN. | USPAT | ADJ | ON | 2010/04/06 16:04 |
| S15 | 11 | ("3213753" "3719415" "3935444" "4286843" "4755027" "4899055" "5365371" "5375130" "5436761" "5548427").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/06 16:04 |
| S16 | 18 | (US-20090002675-\$ or US-20070159694-\$ or US-20070115551-\$ or US-20060291057-\$ or US-20040240073-\$ or US-20020186462-\$ or US-20020176166-\$).did. or (US-7511886-\$ or US-7445883-\$ or US-7151632-\$ or US-7090964-\$ or US-6885502-\$ or US-6392800-\$ or US-6191880-\$ or US-5847872-\$ or US-5673103-\$ or US-5436761-\$ or US-4286843-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2010/04/06 16:26 |
| S17 | 98 | S9 and ((polariz\$9 near4 (radial\$4 or tangent\$5 or circumferen\$8) same circular\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/06 16:30 |
| S18 | 13580 | (355/53, 355/67, 355/71, 355/77).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 08:21 |
| S19 | 180 | S18 and ((polariz\$9 or vibrat\$9) same ((circular \$4 or circle or elliptic\$9 or ellipse) with (center\$4 or central\$9 or middle or inner\$9))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 08:21 |
| S20 | 82 | S18 and ((polariz\$9 or vibrat\$9) same ((linear\$9 or tangent\$9 or azimuth\$9 or elliptic\$9 or ellipse) with (peripher\$9 or edge \$4 or outer\$9 or exter \$9))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 08:22 |
| S21 | 35 | S19 and S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 08:23 |
| S22 | 136957 | "359".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 08:23 |

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| S23 | 495 | S22 and ((polariz\$9 or vibrat\$9) same ((circular\$4 or circle or elliptic\$9 or ellipse) with (center\$4 or central\$9 or middle or inner\$9))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 08:23 |
| S24 | 552 | S22 and ((polariz\$9 or vibrat\$9) same ((linear\$9 or tangent\$9 or azimuth\$9 or elliptic\$9 or ellipse) with (peripher\$9 or edge\$4 or outer\$9 or exter\$9))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 08:24 |
| S25 | 64 | S23 and S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 08:24 |
| S26 | 4 | ("4755027" or "5691802").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 11:16 |
| S27 | 18 | ("4755027").URPN. | USPAT | ADJ | ON | 2010/04/07 11:19 |
| S28 | 275 | S18 and (polariz\$9 near4 (radial\$4 or tangent\$5 or circumferen\$8)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 11:37 |
| S29 | 91 | S18 and ((polariz\$9 near4 (radial\$4 or tangent\$5 or circumferen\$8)) same3 ((optical\$4 or polariz\$9) near (rota\$9 or activ\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 11:39 |
| S30 | 67 | S29 not (S21 or S25 or S27) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 11:40 |
| S31 | 113 | fiolka.in. and (polarization).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 11:57 |
| S32 | 1 | 10/580698.app. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 12:00 |
| S33 | 2 | "20020186462".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 12:36 |
| S34 | 2 | S33 and ((polariz\$9 near4 (radial\$4 or tangent\$5 or circumferen\$8)) same3 ((optical\$4 or polariz\$9) near (rota\$9 or activ\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 12:36 |
| S35 | 1 | 11/785906.app. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 12:41 |

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| S36 | 2 | "20070146676".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 12:43 |
| S37 | 2 | ("2002/0186462").URPN. | USPAT | ADJ | ON | 2010/04/07 13:33 |
| S38 | 7 | ("20010019404" "3719415" "5365371" "5933219" "6191880" "6483573").PN. OR ("6774984").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/04/07 13:34 |
| S39 | 1 | de-19535392-\$ did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 14:11 |
| S40 | 199 | (radial\$4 or tangential\$4 or circumferen\$8 or azimuth\$9) with (fast ax \$1s) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 14:46 |
| S41 | 14 | S40 and "355".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 14:46 |
| S42 | 45 | (S40 not S41) and "359". clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 15:09 |
| S43 | 140 | (S40 not (S41 or S42)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 15:10 |
| S44 | 2 | "20040004771".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/07 16:03 |
| S45 | 0 | ep-0602903-\$ did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/08 12:35 |
| S46 | 0 | ep-0602923-\$ did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/08 12:35 |
| S47 | 2 | "5365371".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/08 13:40 |
| S48 | 2 | "20030137733".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/08 15:40 |
| S49 | 2 | wo-9949504-\$ did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/04/09 10:47 |
| S53 | 59 | "omura, yasuhiro" | EPO | ADJ | ON | 2010/09/16 12:00 |
| S54 | 773 | ((fast or principal) near2 (ax\$1s)) near4 (circumferen\$6 or radial\$4 or tangent\$4 or azimuth \$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/09/16 12:42 |

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| S55 | 164 | S54 same polariz\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/09/16 12:42 |
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EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|-----------------------------|------------------|---------|------------------|
| S50 | 10990 | (355/53, 355/67, 355/71, 355/77).ccls. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/04/09 11:12 |
| S51 | 1593 | (359/386 or 359/483 or 359/489 or 359/494). ccls. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/04/09 11:12 |
| S52 | 4 | (S50 or S51) and ((birefringen\$4 with (fast axis)) and (birefringen\$4 with (conjugate))).clm. | US-PGPUB; USPAT; UPAD | ADJ | ON | 2010/04/09 11:13 |

9/20/2010 9:41:42 AM

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9/20/2010